

EXHIBIT 3

Convertible Arbitrage IA Business Volume Analysis
Monthly Time Period¹

Trade Date	Security Name	Total IA Business Purported Volume ²	Total Actual Daily Volume ³	Magnitude Exceeded
8/17/1979	RESERVE OIL & GAS CO PFD CONV \$1.75	20,000	30,300	Does Not Exceed
9/17/1979	MCI COMMUNICATIONS CORP PFD CONV \$2.64	12,800	17,500	Does Not Exceed
9/24/1979	AETNA LIFE & CAS CO PFD CONV \$2	27,564	No Trades	No Trades
9/24/1979	COOPER INDS INC PFD SER B CONV \$2.50	1,412	No Trades	No Trades
9/24/1979	MCI COMMUNICATIONS CORP PFD CONV \$2.64	6,456	13,700	Does Not Exceed
9/25/1979	BELCO PET CORP SUB DEB CONV 4,750 10/01/1988	1,694,000	10,000	169.4x
9/25/1979	TENNECO CORP SUB DEB 6,250 10/01/1992	1,053,000	1,000	1,053.0x
9/25/1979	WHITE CONS INDS INC SUB DEB CONV 5,500 10/01/1992	2,083,000	114,000	18.3x
9/26/1979	LITTON INDS INC PART PREF CONV	847	1,700	Does Not Exceed
9/27/1979	LITTON INDS INC PART PREF CONV	49,797	No Trades	No Trades
10/1/1979	BENDIX CORP PFD SER A CONV \$3	19,484	No Trades	No Trades
10/1/1979	GENERAL HOST CORP SUB DEB CONV 11,000 6/15/1988	528,000	5,000	105.6x
10/1/1979	WALTER JIM CORP 4TH PFD CONV \$1.60	23,158	200	115.8x
10/2/1979	ETHYL CORP 2ND PFD SER A CONV \$2.40	11,160	200	55.8x
10/2/1979	LUCKY STORES INC SUB DEB CONV 6,750 7/15/2000	2,518,000	3,000	839.3x
10/2/1979	SANTA FE INDS INC SUB DEB CONV 6,250 8/01/1998	257,000	11,000	23.4x
10/4/1979	REYNOLDS R J INC PFD CONV \$2.25	22,897	3,000	7.6x
10/9/1979	FOREMOST MCKESSON INC PFD SER A CONV \$1.80	71,754	No Trades	No Trades
10/10/1979	AMERICAN TEL & TELECO PFD CONV \$4	41,815	2,800	14.9x
10/10/1979	INTERNATIONAL TEL & TELECO PFD SER N CONV \$2.25	82,253	200	411.3x
10/10/1979	TRAVELER'S CORP PFD CONV \$2.00	63,154	100	631.5x
10/10/1979	WARNER COMMUNICATIONS INC PFD SER D CONV \$1.25	19,899	No Trades	No Trades
10/11/1979	AMERADA HESS CORP PFD CONV \$3.50	7,807	4,400	1.8x
10/16/1979	TENNECO CO INC PREF CONV 5.50	10,195	300	34.0x
10/17/1979	ATLANTIC RICHFIELD CO PFD CONV \$2.80	41,915	1,200	34.9x
10/19/1979	BUNKER RAMO CORP PFD CONV 1.50	25,000	500	50.0x
10/19/1979	CHARTER CO WT EXP 09/01/1988	16,000	52,000	Does Not Exceed
10/19/1979	HOUSEHOLD FIN CORP PFD CONV \$2.375	51,535	200	257.7x
10/19/1979	RELIANCE GROUP INC PFD SER B CONV \$2.20	31,801	200	159.0x
10/19/1979	RIO GRANDE INDS INC PFD SER A CONV \$0.80	37,000	2,500	14.8x
10/19/1979	TEXTRON INC PFD CONV \$2.08	55,960	1,800	31.1x
10/19/1979	UAL INC PFD SER A CONV \$0.40	121,868	100	1,218.7x
10/22/1979	AMERICAN BRANDS INC PFD CONV \$1.70	54,384	600	90.6x
10/22/1979	INA CORP PFD SER C CONV \$1.90	21,500	30,000	Does Not Exceed
10/22/1979	MCI COMMUNICATIONS CORP PFD CONV \$2.64	38,247	12,500	3.1x
10/22/1979	TIME INC PFD SER B CONV \$1.575	40,728	2,800	14.5x
10/22/1979	TRW INC PREF SER 1 CONV \$4.40	5,948	300	19.8x
10/23/1979	CHAMPION INTL CORP PREF CONV \$1.20	78,722	600	131.2x
10/24/1979	CITY INVESTING CO PREF SER B CONV \$2.00	32,788	5,100	6.4x
10/24/1979	MCI COMMUNICATIONS CORP PFD CONV \$2.64	7,475	12,800	Does Not Exceed
10/24/1979	SUN INC PFD CONV \$2.25	13,469	1,500	9.0x
10/24/1979	UNITED STATES GYPSUM CO PFD CONV \$1.80	102,151	600	170.3x
10/25/1979	TEXAS GAS TRANSMISSION CORP PREF CONV \$1.50	60,104	No Trades	No Trades
10/26/1979	BENEFICIAL CORP PFD CONV \$5.50	16,103	No Trades	No Trades
10/26/1979	GULF & WESTIN INDS INC PFD SER C CONV \$3.875	5,626	800	7.0x
10/30/1979	ATLANTIC RICHFIELD CO PREF CONV \$3	8,785	200	43.9x
10/30/1979	RESERVE OIL & GAS CO PFD CONV \$1.75	43,347	2,300	18.8x
10/30/1979	REYNOLDS METALS CO 2ND PFD CONV 4.50%	31,317	100	313.2x
10/30/1979	WOOLWORTH F W CO PFD SER A CONV \$2.20	63,202	300	210.7x
11/1/1979	JHIRMACK ENTERPRISES INC WT EXP 03/31/1982	80,205	2,500	32.1x
11/6/1979	COASTAL STS GAS CORP PFD SER B CONV \$1.83	83,500	2,000	41.8x
11/7/1979	AVNET INC PFD SER C CONV 2.50	20,670	No Trades	No Trades
11/7/1979	ENGELHARD MINERALS & CHEM CORP SUB DEB CONV 5,250 11/15/1997	448,000	10,000	44.8x
11/7/1979	TRW INC PREF SER 3 CONV \$4.50	11,343	No Trades	No Trades
11/8/1979	FLUOR CORP PFD SER B CONV \$3	7,604	No Trades	No Trades
11/9/1979	AVCO CORP PFD CONV \$4.20	32,200	2,700	11.9x
11/9/1979	COLT INDS INC PFD SER A CONV \$1.60	31,373	No Trades	No Trades
11/9/1979	CONTINENTAL CORP PFD SER A CONV \$2.50	12,018	100	120.2x
11/9/1979	DART IND INC PFD SER A CONV \$2	41,190	500	82.4x
11/13/1979	AMERICAN GEN INS CO PFD CONV \$0.90	65,326	100	653.3x
11/14/1979	BAXTER TRAVENOL LAB INC SUB DEB CONV 4,375 11/01/1991	1,635,000	No Trades	No Trades
11/14/1979	GOULD INC PFD CONV \$1.35	70,743	No Trades	No Trades
11/14/1979	STORER BROADCASTING CO SUB DEB CONV 4,500 1/01/1986	1,930,000	2,000	965.0x
11/16/1979	CONOCO INC PFD CONV \$2	6,307	No Trades	No Trades

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11/19/1979	DART IND INC PFD SER A CONV \$2	4,359	900	4.8x
11/19/1979	LINCOLN NATL CORP IND PFD SER A CONV \$3	28,951	200	144.8x
11/19/1979	PETROLEUM & RESOURCES PFD PFD CONV \$1.75	71,749	470,000	Does Not Exceed
11/21/1979	BELCO PET CORP SUB DEB CONV 4.750 10/01/1988	905,000	1,000	905.0x
11/21/1979	CITY INVESTING CO SUB DEB CONV 7.500 12/01/1990	425,000	10,000	42.5x
11/21/1979	PENZOIL CO SUB DEB CONV 5.250 3/01/1996	1,528,000	38,000	40.2x
11/21/1979	WILLIAMS COS PFD SER A CONV \$0.80	30,252	No Trades	No Trades
11/23/1979	HILTON HOTELS CORP SUB DEB CONV 5.500 1/01/1995	1,645,000	No Trades	No Trades
11/23/1979	INTERNATIONAL TEL & TELEG CORP PFD SER H CONV \$4	46,741	No Trades	No Trades
11/23/1979	MONSANTO CO PFD CONV \$2.75	3,971	No Trades	No Trades
11/11/1980	LINCOLN NATL CORP IND PFD SER A CONV \$3	2,304	No Trades	No Trades
1/5/1981	FEDERAL PAPER BRD INC PFD CONV 1.20	4,736	No Trades	No Trades
1/22/1981	JOHNSON CTLS INC PFD SER B CONV \$2	7,824	No Trades	No Trades
2/2/1981	ALLEGHANY LUDLUM INDS INC PFD CONV \$3	88	600	Does Not Exceed
2/17/1981	LEAR SIEGLER INC PFD CONV \$2.25	286	No Trades	No Trades
2/18/1981	DILLINGHAM CORP PFD CONV \$2	1,660	300	5.5x
2/20/1981	AETNA LIFE & CAS CO PFD CONV \$2	147	No Trades	No Trades
2/25/1981	BRISTOL MYERS CO PFD CONV \$2	14,111	2,200	6.4x
2/25/1981	FIRST EXECUTIVE CORP DEL 1ST SER PREF CONV \$0.50	23,546	700	33.6x
2/25/1981	GATX CORP PFD CONV \$2.50	8,021	No Trades	No Trades
2/25/1981	HEINZ H J CO 3RD PFD CONV \$1.70	16,057	No Trades	No Trades
2/25/1981	INSTILCO CORP 2ND PFD SER A \$1.25	82,577	No Trades	No Trades
2/26/1981	ARMCO INC PFD CONV \$2.10	61,667	1,300	47.4x
2/26/1981	LTV CORPORATION PART PREF CONV SER 1	101,772	2,500	40.7x
2/26/1981	PETROLEUM & RESOURCES PFD PFD CONV \$1.75	71,412	No Trades	No Trades
2/26/1981	TRW INC PREF SER 3 CONV \$4.50	24,258	No Trades	No Trades
2/27/1981	TRW INC PREF SER 1 CONV \$4.40	18,879	1,300	14.5x
2/27/1981	WASHINGTON NATL CORP PFD CONV \$2.50	59,388	300	198.0x
3/2/1981	AMERICAN BRANDS INC PFD CONV \$2.67	46,852	200	234.3x
3/2/1981	GENERAL INSTR CORP PFD SER A CONV \$3	47,144	100	471.4x
3/3/1981	BRUNSWICK CORP PFD SER A CONV \$2.40	47,846	300	159.5x
3/3/1981	HOLIDAY INNS INC SER A CONV \$1.70	9,999	800	12.5x
3/3/1981	LINCOLN NATL CORP IND PFD SER A CONV \$3	15,573	No Trades	No Trades
3/3/1981	TOWNER PETE CO WTS 01/23/1986	30,888	4,900	6.3x
3/5/1981	CITY INVESTING CO PREF SER B CONV \$2.00	55,479	600	92.5x
3/5/1981	MCI COMMUNICATIONS CORP SR PFD CONV \$1.80	68,718	31,800	2.2x
3/5/1981	TOMLINSON OIL INC WTS EXP 03/06/1982	59,608	No Trades	No Trades
3/9/1981	GRACE W R & CO SUB DEB CONV 6.500 11/15/1996	622,000	5,000	124.4x
3/9/1981	INTERNATIONAL TEL & TELEG CORP PFD SER H CONV \$4	61,799	200	309.0x
3/9/1981	JEWEL COS PFD SER A CV \$2.31	35,675	100	356.8x
3/10/1981	COLT INDS INC PFD SER D CONV \$4.25	19,995	No Trades	No Trades
3/11/1981	ASHLAND OIL INC SUB DEB CONV 4.750 8/15/1993	199,000	15,000	13.3x
3/11/1981	ATLANTIC RICHFIELD CO PFD CONV \$3	8,803	300	29.3x
3/11/1981	CROWN ZELLERBACH CORP PFD SER A CONV \$4.625	17,087	24,200	Does Not Exceed
3/11/1981	DILLINGHAM CORP SUB DEB CONV 9.750 4/01/1999	261,000	63,000	4.1x
3/11/1981	PATRICK PETE CO WTS EXP 04/09/1981	129,013	30,200	4.3x
3/11/1981	ROCKWELL INTL CORP PFD SER A CONV \$4.75	6,429	No Trades	No Trades
3/13/1981	COOPER INDS INC PFD CON \$2.90	17,297	16,400	1.1x
3/16/1981	INA CORP PFD SER C CONV \$1.90	103,758	No Trades	No Trades
3/16/1981	RELIANCE GROUP INC PFD SER B CONV \$2.20	19,347	100	193.5x
3/17/1981	CHAMPION INTL CORP PREF CONV \$4.60	39,713	5,400	7.4x
3/17/1981	GEORGIA PAC CORPORATION PFD SER A CONV	13,119	1,100	11.9x
3/18/1981	AIR FLA SYS INC PFD SER B CONV 2.40%	31,490	11,100	2.8x
3/18/1981	CHAMPION INTL CORP PREF CONV \$1.20	45,912	No Trades	No Trades
3/18/1981	NEWMONT MNG CORP PFD SER A CONV \$4.50	16,603	No Trades	No Trades
3/19/1981	INTERCO INC PFD SER D CONV \$7.75	7,174	2,000	3.6x
3/20/1981	FEDERAL PAPER BRD INC PFD CONV 1.20	69,612	9,900	7.0x
3/23/1981	OCCIDENTAL PETE CORP PFD CONV \$4	15,835	100	158.4x
3/23/1981	OFFSHORE LOGISTICS INC CUM CONV PFD \$2.4375	40,524	900	45.0x
3/24/1981	BRUNSWICK CORP PFD SER A CONV \$2.40	36,190	800	45.2x
3/24/1981	MCI COMMUNICATIONS CORP SR PFD CONV \$1.80	41,717	36,600	1.1x
3/24/1981	WESTERN UNION CORP 2ND PFD CONV 4.90%	29,400	100	294.0x
3/24/1981	WHEELABRATOR FRYE INC PFD SER B CONV \$2	41,086	300	137.0x
3/25/1981	MONSANTO CO PFD CONV \$2.75	22,657	No Trades	No Trades

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11/23/1981	LTV CORPORATION PART PREF CONV SER 1	40,025	No Trades	No Trades
11/24/1981	AMERADA HESS CORP PFD CONV \$3.50	4,388	No Trades	No Trades
11/24/1981	HEINZ H J CO 3RD PFD CONV \$1.70	5,092	No Trades	No Trades
11/24/1981	MONSANTO CO PFD CONV \$2.75	1,301	No Trades	No Trades
11/27/1981	WALTER JIM CORP 4TH PFD CONV \$1.60	6,814	No Trades	No Trades
11/30/1981	FMC CORP PFD CONV \$2.25	12,284	1,800	6.8x
11/30/1981	TEXTRON INC PFD CONV \$2.08	22,551	6,800	3.3x
12/3/1981	HOLIDAY INNS INC SUB DEB CONV 9.625 04/01/2005	161,000	6,000	26.8x
12/7/1981	RCA CORP 1ST PFD CONV \$4	22,602	2,700	8.4x
12/8/1981	INTERNATIONAL TEL & TELECO CORP PFD SER H CONV \$4	7,147	No Trades	No Trades
12/10/1981	EATON CORP PFD CONV A \$2.30	6,287	No Trades	No Trades
12/11/1981	ARMCO INC PFD CONV \$2.10	4,055	200	20.3x
12/14/1981	UNITED TECHNOLOGIES CORP PFD CONV \$3.875	6,742	1,700	4.0x
12/14/1981	WOOLWORTH F W CO PFD SER A CONV \$2.20	14,494	No Trades	No Trades
12/15/1981	FOREMOST MCKESSON INC PFD SER A CONV \$1.80	11,825	300	39.4x
12/15/1981	MC DERMOTT INC PFD SER A CONV \$2.20	8,936	5,100	1.8x
12/16/1981	WESTERN UNION CORP PFD CONV 4.60%	12,717	400	31.8x
12/17/1981	AUGAT INC SUB DEB CONV 8.250 9/15/2005	3,348,000	5,000	669.6x
12/18/1981	CELANESE CORP SUB DEB CONV 9.750 6/15/2006	4,965,000	25,000	198.6x
12/21/1981	AMERICAN BROADCASTING COS INC WT EXP 01/02/0982	12,800	1,400	9.1x
12/22/1981	BALDWIN UTD CORP PFD CL U CONC \$2.06	13,266	100	132.7x
12/23/1981	BRISTOL MYERS CO PFD CONV \$2	10,052	1,000	10.1x
12/29/1981	ETHYL CORP 2ND PFD SER A CONV \$2.40	1,876	No Trades	No Trades
2/22/1982	TESORO PETE CORP SUB DEB CONV 5.250 2/01/1989	378,000	No Trades	No Trades
2/23/1982	BENDIX CORP PFD SER B CONV 9 3/4%	9,220	2,000	4.6x
2/23/1982	CHRIS CRAFT IND INC PFD \$1.40	5,194	No Trades	No Trades
2/23/1982	FOREMOST MCKESSON INC PFD SER A CONV \$1.80	10,758	No Trades	No Trades
2/23/1982	TEXTRON INC PFD CONV \$2.08	12,340	3,100	4.0x
2/23/1982	WOOLWORTH F W CO PFD SER A CONV \$2.20	22,099	100	221.0x
2/24/1982	ARCATA CORP PFD SER C CONV \$2	13,114	800	16.4x
2/24/1982	BRISTOL MYERS CO PFD CONV \$2	7,826	900	8.7x
2/24/1982	WESTERN UNION CORP PFD CONV 4.60%	4,041	400	10.1x
3/5/1982	FEDERAL PAPER BRD INC PFD CONV 1.20	13,388	100	133.9x
3/5/1982	UNITED TECHNOLOGIES CORP PFD CONV \$8	5,140	No Trades	No Trades
3/9/1982	CITY INVESTING CO PREF SER B CONV \$2.00	11,011	No Trades	No Trades
3/9/1982	CONSOLIDATED FOODS CORP PFD SER A CONV \$4.50	17,915	100	179.2x
3/11/1982	ARCATA CORP PFD SER A CONV \$2.16	1,820	No Trades	No Trades
3/11/1982	ETHYL CORP 2ND PFD SER A CONV \$2.40	5,234	100	52.3x
3/12/1982	OCCIDENTAL PETE CORP PFD CONV \$3.60	3,921	200	19.6x
3/15/1982	TIME INC PFD SER B CONV \$1.575	11,420	16,700	Does Not Exceed
3/18/1982	BENDIX CORP PFD SER A CONV \$3	613	No Trades	No Trades
3/18/1982	EATON CORP PFD CONV 4.75%	9,533	No Trades	No Trades
3/18/1982	LEAR SIEGLER INC PFD CONV \$2.25	2,585	No Trades	No Trades
3/18/1982	TRW INC PREF SER 3 CONV \$4.50	11,110	100	111.1x
3/19/1982	ROCKWELL INTL CORP PFD SER B CONV \$1.35	7,572	400	18.9x
3/19/1982	TRW INC PREF1 CONV \$4.40	2,906	No Trades	No Trades
11/23/1982	CONCEPT INC WTS EXP 07/29/83	7,400	4,200	1.8x
12/6/1982	AMERICAN BRANDS INC PFD CONV \$1.70	7,187	No Trades	No Trades
12/6/1982	TIME INC PFD SER B CONV \$1.575	7,472	500	14.9x
12/15/1982	EMHART CORP VA PFD CONV \$2.10	5,019	No Trades	No Trades
12/15/1982	JAMES RIVER CORP OF VA SER G \$5.40 CUM CO PFD	3,014	18,400	Does Not Exceed
12/17/1982	INTERCO INC PFD SER D CONV \$7.75	6,349	4,100	1.5x
12/23/1982	AMERICAN TEL & TELECO PFD CONV \$4	10,804	1,400	7.7x
2/8/1983	NEWMONT MNG CORP PFD SER A CONV \$4.50	1,313	No Trades	No Trades
2/22/1983	DIGITAL SWITCH CORP WT EXP 07/29/1984	108,676	3,700	29.4x
2/23/1983	TIME INC PFD SER B CONV \$1.575	67,678	300	225.6x
2/25/1983	MERRILL LYNCH & CO INC SUB DEB CONV 9.250 12/15/2005	1,386,000	9,000	154.0x
2/28/1983	ANACOMP INC SUB DEB CONV 9.500 9/01/2000	651,000	46,000	14.2x
2/28/1983	ASSOCIATED DRY GOODS CORP PFD SER A CONV \$4.75	7,506	No Trades	No Trades
2/28/1983	ROCKWELL INTL CORP PFD SER B CONV \$1.35	8,426	100	84.3x
2/28/1983	SHELLER GLOBE CORP PFD CONV \$1.35	41,751	5,900	7.1x
3/1/1983	SUN INC PFD CONV \$2.25	13,091	400	32.7x
3/1/1983	UNION PACIFIC CORP PFD SER A CONV \$7.25	968	25,300	Does Not Exceed
3/2/1983	AMERICAN BRANDS INC PFD CONV \$1.70	61,050	No Trades	No Trades

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3/2/1983	GULF & WESTN INDS INC PFD SER C CONV \$3.875	8,059	200	40.3x
3/3/1983	MONSANTO CO PFD CONV \$2.75	9,280	No Trades	No Trades
3/7/1983	FOREMOST MCKESSON INC PFD SER A CONV \$1.80	13,085	No Trades	No Trades
3/8/1983	FOUR PHASE SYS INC SUB DEB CONV 9.125 6/15/2001	1,441,000	No Trades	No Trades
3/9/1983	ATLANTIC RICHFIELD CO PFD CONV \$3	12,631	No Trades	No Trades
3/9/1983	HOUSEHOLD INTL INC PFD CONV \$2.375	31,080	No Trades	No Trades
3/9/1983	OGDEN CORP PFD CONV \$1.875	61,513	No Trades	No Trades
3/11/1983	FMC CORP PFD CONV \$2.25	55,488	No Trades	No Trades
3/11/1983	WASHINGTON NATL CORP PFD CONV \$2.50	76,713	200	383.6x
3/15/1983	GREYHOUND CORP SUB DEB CONV 6.500 1/15/1990	1,715,000	4,000	428.8x
3/15/1983	HORN & HARDART CO SUB DEB CONV 11.250 10/15/2000	3,630,000	35,000	103.7x
3/18/1983	JOHNSON CTLS INC PFD SER B CONV \$2	55,442	No Trades	No Trades
3/18/1983	ROHR INDS INC PFD SER B CONV 3.125	52,285	102,500	Does Not Exceed
3/23/1983	GULF & WESTN INDS INC PFD SER D CONV 2.50	38,757	520,000	Does Not Exceed
3/23/1983	TRANS WORLD AIRLS INC SUB DEB CONV 12.000 1/01/2005	4,031,000	No Trades	No Trades
3/24/1983	UNION PACIFIC CORP PFD SER A CONV \$7.25	2,469	40,600	Does Not Exceed
7/29/1983	HOUSEHOLD INTL INC PFD CONV \$2.375	1,309	No Trades	No Trades
8/17/1983	ETHYL CORP 2ND PFD SER A CONV \$2.40	537	No Trades	No Trades
8/26/1983	AMERADA HESS CORP PFD CONV \$3.50	26,892	No Trades	No Trades
8/29/1983	AMERADA HESS CORP PFD CONV \$3.50	541	100	5.4x
8/31/1983	INTERNATIONAL HARVESTER CO PREF SER A CONV \$3	70,497	5,300	13.3x
9/8/1983	INTERCO INC PFD SER D CONV \$7.75	43,189	No Trades	No Trades
9/8/1983	SHELLER GLOBE CORP \$ 3 CV PFD	32,039	No Trades	No Trades
9/8/1983	TOTAL PETE NORTH AMER LTD WTS EXP 6/30/86	26,891	5,500	4.9x
9/9/1983	SOUTHMARK CORP PFD SER A CONV \$1	361,137	31,000	11.6x
9/12/1983	PENNWALT CORP PREF CONV \$2.50	100,987	No Trades	No Trades
9/14/1983	ASSOCIATED DRY GOODS CORP PFD SER A CONV \$4.75	25,360	No Trades	No Trades
9/14/1983	WASHINGTON NATL CORP PFD CONV \$2.50	44,410	2,700	16.4x
9/16/1983	UNITED TECHNOLOGIES CORP PFD CONV \$3.875	21,425	100	214.3x
9/19/1983	BRISTOL MYERS CO PFD CONV \$2	77,264	No Trades	No Trades
9/21/1983	ATLANTIC RICHFIELD CO PFD CONV \$ 2.80	50,141	700	71.6x
9/21/1983	HOUSEHOLD INTL INC PFD CONV \$2.50	39,063	1,900	20.6x
11/29/1983	CHAMPION INTL CORP PREF CONV \$1.20	225,400	1,100	204.9x
11/29/1983	TRW INC PREF SER 1 CONV \$4.40	39,157	100	391.6x
12/2/1983	BRISTOL MYERS CO PFD CONV \$2	26,666	No Trades	No Trades
12/5/1983	HOUSEHOLD INTL INC PFD CONV \$2.50	35,982	1,100	32.7x
12/9/1983	AMERADA HESS CORP PFD CONV \$3.50	41,897	500	83.8x
12/15/1983	AVCO CORP PFD CONV \$3.20	26,291	9,100	2.9x
12/16/1983	MONSANTO CO PFD CONV \$2.75	35,762	No Trades	No Trades
12/19/1983	ASSOCIATED DRY GOODS CORP PFD SER A CONV \$4.75	4,312	1,300	3.3x
12/19/1983	DIGITAL SWITCH CORP WT EXP 07/29/1984	8,556	100	85.6x
12/22/1983	ETHYL CORP 2ND PFD SER A CONV \$2.40	48,472	No Trades	No Trades
12/22/1983	FMC CORP PFD CONV \$2.25	122,107	No Trades	No Trades
2/23/1984	BRISTOL MYERS CO PFD CONV \$2	81,246	No Trades	No Trades
2/29/1984	ROCKWELL INTL CORP PFD SER A CONV \$4.75	9,217	No Trades	No Trades
3/1/1984	ETHYL CORP 2ND PFD SER A CONV \$2.40	24,788	No Trades	No Trades
3/1/1984	UNITED STATES GYPSUM CO PFD CONV \$1.80	54,899	No Trades	No Trades
3/1/1984	VIACOM INTL INC PFD CONV \$2.10	141,223	10,000	14.1x
3/2/1984	ENSTAR CORP DEL PFD SER A CONV	10,696	2,100	5.1x
3/5/1984	AMERADA HESS CORP PFD CONV \$3.50	6,601	100	66.0x
3/5/1984	OCCIDENTAL PETE CORP PFD CONV \$4	55,883	No Trades	No Trades
3/7/1984	ROCKWELL INTL CORP PFD SER A CONV \$4.75	4,786	No Trades	No Trades
3/7/1984	ROCKWELL INTL CORP PFD SER B CONV \$1.35	32,066	100	320.7x
3/8/1984	ASSOCIATED DRY GOODS CORP PFD SER A CONV \$4.75	55,214	3,000	18.4x
3/8/1984	FMC CORP PFD CONV \$2.25	50,826	200	254.1x
3/12/1984	BELL & HOWELL CO PFD SER A CONV	133,238	20,200	6.6x
3/13/1984	WACHOVIA CORP PFD SER A CONV \$2.20	27,697	No Trades	No Trades
3/15/1984	LEAR SIEGLER INC PFD CONV \$2.25	23,112	No Trades	No Trades
3/19/1984	BEATRICE FOODS CO PREF SER A CONV \$3.38	39,966	1,000	40.0x
3/21/1984	SUN INC PFD CONV \$2.25	10,112	900	11.2x
3/22/1984	INTERCO INC PFD SER D CONV \$7.75	31,392	100	313.9x
3/23/1984	HOUSEHOLD INTL INC PFD CONV \$2.375	60,879	No Trades	No Trades
3/23/1984	WAL-MART STORES INC PFG SER A CONV 8%	11,110	No Trades	No Trades
7/11/1984	INTERNATIONAL HARVESTER CO PREF SER A CONV \$3	4,794	No Trades	No Trades

Convertible Arbitrage IA Business Volume Analysis
Monthly Time Period¹

Trade Date	Security Name	Total IA Business Purported Volume ²	Total Actual Daily Volume ³	Magnitude Exceeded
7/31/1984	PITNEY BOWES INC PREF CONV \$2.12	3,500	2,300	1.5x
8/17/1984	KIDDE INC PREF SER C CONV \$4	410	100	4.1x
8/27/1984	WAL-MART STORES INC PFD SER A CONV 8%	23,023	No Trades	No Trades
8/28/1984	WACHOVIA CORP PFD SER A CONV \$2.20	41,435	No Trades	No Trades
8/28/1984	WASHINGTON NATL CORP PFD CONV \$2.50	83,749	No Trades	No Trades
8/29/1984	ROCKWELL INTL CORP PFD SER B CONV \$1.35	33,561	600	55.9x
8/30/1984	SHELLER GLOBE CORP \$ 3 CV PFD	68,874	No Trades	No Trades
9/4/1984	ROCKWELL INTL CORP PFD SER B CONV \$1.35	167	No Trades	No Trades
9/5/1984	TRW INC PREF SER 1 CONV \$4.40	5,088	No Trades	No Trades
9/11/1984	HOUSEHOLD INTL INC PFD CONV \$2.50	66,259	No Trades	No Trades
9/11/1984	OWENS ILL INC PFD CONV \$4.75	32,472	No Trades	No Trades
9/12/1984	BRISTOL MYERS CO PFD CONV \$2	112,102	No Trades	No Trades
9/17/1984	HOUSEHOLD INTL INC PFD CONV \$2.50	10,774	100	107.7x
9/20/1984	INTERCO INC PFD SER D CONV \$7.75	43,694	400	109.2x
11/16/1984	SHELLER GLOBE CORP \$3 CV PFD	1,387	No Trades	No Trades
11/29/1984	HOUSEHOLD INTL INC PFD CONV \$2.375	47,079	200	235.4x
11/30/1984	AVCO CORP PFD CONV \$3.20	45,114	5,100	8.8x
11/30/1984	BRISTOL MYERS CO PFD CONV \$2	25,707	No Trades	No Trades
12/5/1984	OWENS ILL INC PREF CONV \$4.75	32,164	No Trades	No Trades
12/10/1984	BEATRICE FOODS CO PREF SER A CONV \$3.38	60,381	800	75.5x
12/10/1984	BELL & HOWELL CO PFD SER A CONV	148,826	19,300	7.7x
12/11/1984	INTERCO INC PFD SER D CONV \$7.75	16,501	No Trades	No Trades
12/17/1984	TRW INC PREF SER 3 CONV \$4.50	55,396	No Trades	No Trades
12/17/1984	UNITED STATES GYPSUM CO PFD CONV \$1.80	61,335	1,000	61.3x
12/19/1984	ATLANTIC RICHFIELD CO PFD CONV \$2.80	53,764	400	134.4x
12/20/1984	INTL HARVESTER CO PREF SER A CONV \$3	64,258	2,900	22.2x
2/25/1985	BELL & HOWELL CO PFD SER A CONV	48,724	6,400	7.6x
2/25/1985	I C INDs INC 2ND PFD SER 1 CONV \$3.50	48,867	4,000	12.2x
3/5/1985	USLIFE CORP PFD SER D CONV \$2.25	217,369	24,800	8.8x
3/7/1985	INTL HARVESTER CO PREF SER A CONV \$3	167,088	400	417.7x
3/7/1985	PIEDMONT AVIATION INC SUB DEB CONV 11.000 7/01/2007	4,426,000	465,000	9.5x
3/8/1985	MARTIN MARIETTA CORP PFD CONV EXCHANGEABLE \$4.875	209,998	18,400	11.4x
3/18/1985	ASSOCIATED DRY GOODS CORP PFD SER A CONV \$4.75	50,364	100	503.6x
3/19/1985	KATY INDs INC PFD SER B CONV \$1.46	32,736	700	46.8x
3/20/1985	STORER COMMUNICATIONS INC SUB DEB CONV 8.500 12/31/2005	3,958,000	268,000	14.8x
3/25/1985	LEAR SIEGLER INC PFD CONV \$2.25	40,566	300	135.2x
6/24/1985	BOEING CO SUB DEB CONV 8.875 6/15/2006	6,548,000	91,000	72.0x
6/25/1985	CLUETT PEABODY & CO INC PFD CONV \$1	4,597	2,900	1.6x
6/26/1985	CLUETT PEABODY & CO INC PFD CONV \$1	400,459	400	1,001.1x
6/27/1985	FMC CORP PFD CONV \$2.25	87,202	500	174.4x
6/28/1985	OWENS ILL INC PFD CONV \$4.75	31,549	700	45.1x
7/1/1985	FMC CORP PFD CONV \$2.25	412	200	2.1x
7/2/1985	BELL & HOWELL CO PFD SER A CONV	7,013	No Trades	No Trades
7/2/1985	INTERCO INC PFD SER D CONV \$7.75	27,602	No Trades	No Trades
7/5/1985	BRISTOL MYERS CO PFD CONV \$2	499	No Trades	No Trades
7/8/1985	BRISTOL MYERS CO PFD CONV \$2	51,509	100	515.1x
7/9/1985	INTERNATIONAL HARVESTER CO JR PREF SER D CONV \$0	156,222	10,400	15.0x
7/9/1985	RESEARCH COTTRELL INC SUB DEB CONV 10.500 10/31/2006	4,414,000	1,000	4,414.0x
7/10/1985	UNITED STATES GYPSUM CO PFD CONV \$1.80	20,224	No Trades	No Trades
7/11/1985	SOUTHWEST AIRLS CO SUB DEB CONV 10.000 6/15/2007	2,487,000	12,000	207.3x
7/15/1985	SUN INC PFD CONV \$2.25	75,298	100	753.0x
7/15/1985	TRW INC PREF SER 1 CONV \$4.40	43,189	No Trades	No Trades
7/23/1985	INTERNATIONAL HARVESTER CO PREF SER A CONV \$3	167,949	3,300	50.9x
7/24/1985	LAIDLAW INDs INC PFD SER A CONV \$2.03	274,173	1,500	182.8x
7/24/1985	TEXTRON INC SUB DEB 7.750 6/15/2005	6,809,000	7,000	972.7x
11/22/1985	BRISTOL MYERS CO PFD CONV \$2	53,618	No Trades	No Trades
11/22/1985	TRW INC PREF SER 3 CONV \$4.50	13,730	No Trades	No Trades
11/27/1985	HARTMARX CORP SUB DEB CONV 8.500 1/15/2008	7,823,000	10,000	782.3x
12/4/1985	AMERICAN EXPRESS COMPANY WTS EXP 02/28/1987	307,269	147,300	2.1x
12/11/1985	FORUM GROUP INC WTS EXP 12/31/1985	185,301	66,300	2.8x
12/12/1985	FMC CORP PFD CONV \$2.25	134,113	200	670.6x
12/13/1985	AMERICAN GEN CORP PFD 2.64 CV	109,197	76,000	1.4x
12/13/1985	ZENITH NATL INS CRP WTS EXP 10/15/1988	104,927	8,800	11.9x
12/16/1985	ERC INTERNATIONAL INC WTS 12/31/1985	928,403	2,000	464.2x

Convertible Arbitrage IA Business Volume Analysis
Monthly Time Period¹

Trade Date	Security Name	Total IA Business Purported Volume ²	Total Actual Daily Volume ³	Magnitude Exceeded
12/17/1985	HOUSEHOLD INTL INC PFD CONV \$2.50	206,687	No Trades	No Trades
2/26/1986	CSX CORP PFD A \$7.00	8,493	No Trades	No Trades
3/3/1986	AMERICAN GEN CORP PFD 2.64 CV	163,823	37,400	4.4x
3/5/1986	AMERICAN INTL GROUP INC PRD CL B CONV \$5.85	7,223	100	72.2x
3/5/1986	OWENS ILL INC PREF CONV \$4.75	2,665	No Trades	No Trades
3/11/1986	ATLANTIC RICHFIELD CO PFD CONV \$2.80	60,351	200	301.8x
3/11/1986	CHAMPION INTL CORP PREF CONV \$1.20	720,795	1,000	720.8x
3/11/1986	SUN INC PFD CONV \$2.25	31,786	500	63.6x
3/12/1986	HOUSEHOLD INTL INC PFD CONV \$2.375	24,997	No Trades	No Trades
3/21/1986	DIGITAL EQUIPMENT CORP CONV SUB DEB 8.000 9/01/2009	8,545,000	36,000	237.4x
10/8/1986	AMERICAN GEN CORP DEB CONV 11.00 2/8/2007	6,838,000	191,000	35.8x
10/16/1986	AMERICAN GEN CORP DEB CONV 11.00 2/8/2007	1,253,000	35,000	35.8x
11/15/1986	WOOLWORTH F W CO PFD SER A CONV \$2.20	422	No Trades	No Trades
11/16/1986	CSX CORP PFD A \$7.00	1,498	No Trades	No Trades
11/16/1986	PAINE WEBBER INC PFD SER A CONV \$1.30	3,361	No Trades	No Trades
11/16/1986	UNITED STATES GYPSUM CO PFD CONV \$1.80	1,384	No Trades	No Trades
11/18/1986	CSX CORP PFD A \$7.00	16,549	No Trades	No Trades
11/18/1986	UNITED STATES GYPSUM CO PFD CONV \$1.80	75,607	No Trades	No Trades
11/18/1986	WOOLWORTH F W CO PFD SER A CONV \$2.20	52,942	300	176.5x
11/19/1986	BRISTOL MYERS CO PFD CONV \$2	19,567	No Trades	No Trades
11/19/1986	CSX CORP PFD A \$7.00	4,786	No Trades	No Trades
11/19/1986	ROCKWELL INTL CORP PFD SER A CONV \$4.75	4,540	No Trades	No Trades
11/19/1986	SUN INC PFD CONV \$2.25	11,142	No Trades	No Trades
11/19/1986	WALTER JIM CORP 4TH PFD CONV \$1.60	36,836	No Trades	No Trades
11/19/1986	WOOLWORTH F W CO PFD SER A CONV \$2.20	4,837	500	9.7x
11/20/1986	EATON CORP PFD SER B CONV \$10	9,574	No Trades	No Trades
11/20/1986	INTERCO INC PFD SER D CONV \$7.75	18,220	No Trades	No Trades
12/15/1986	BELL & HOWELL CO PFD SER A CONV	187,279	1,200	156.1x
12/15/1986	CHEMICAL NEW YORK CORP PFD CONV \$1.875	188,617	200	943.1x
12/15/1986	OWENS ILL INC PREF CONV \$4.75	48,452	100	484.5x
12/18/1986	OLIN CORP SUB DEB CONV 8.750 6/01/2008	14,925,000	No Trades	No Trades
12/19/1986	AMERICAN GEN CORP DEB CONV 11.00 2/8/2007	7,069,000	No Trades	No Trades
2/11/1987	FIRST PA CORP DEPOSITORY PFD SER C CONV	189	42,800	Does Not Exceed
2/23/1987	KAUFMAN & BROAD CONV PFD B \$8.75	13,333	30,400	Does Not Exceed
3/6/1987	U S AIR GROUP INC SR SUB DEB CONV 8.750 9/15/2009	4,489,000	213,000	21.1x
3/9/1987	PIEDMONT AVIATION INC PFD CONV EXCHANGEABLE \$3.25	211,945	86,500	2.5x
3/12/1987	GENCORP INC WT EXP 3/15/88	404,960	39,900	10.1x
3/19/1987	ANHEUSER BUSCH COS INC PFD CONV \$3.60 SER A	53,425	2,300	23.2x
3/20/1987	STONE CONTAINER CORP PFD SER C CONV EXB \$3.50	160,173	77,200	2.1x
3/24/1987	TRANSCO COMPANIES INC CUM CONV PFD 3.875 SERIES	444,328	7,100	62.6x
4/14/1987	GENCORP INC WT EXP 3/15/88	1,300	2,400	Does Not Exceed
4/29/1987	MONARCH CAP CORP \$3 CONV PFD	315,409	6,300	50.1x
5/4/1987	BRISTOL MYERS CO PFD CONV \$2	115,676	300	385.6x
5/5/1987	EATON CORP PFD SER B CONV \$10	63,869	No Trades	No Trades
5/15/1987	MACMILLAN INC SUB DEB CONV 7.500 7/01/2010	7,844,000	10,000	784.4x
5/19/1987	NORTH AMERN VENTURES INC WT EXP 5/9/1991	153,719	6,000	25.6x
5/20/1987	ANHEUSER BUSCH COS INC PFD CONV \$3.60 SER A	40,013	40,200	Does Not Exceed
5/22/1987	UNISYS CORP SUB DEB CONV 7.250 8/01/2010	16,205,000	40,000	405.1x
11/30/1987	BELL & HOWELL CO PFD SER A CONV	24,183	300	80.6x
11/30/1987	INTERCO INC PFD SER D CONV \$7.75	51,184	No Trades	No Trades
12/4/1987	FIDELCOR INC \$3.25 CV SR A PFD	60,206	No Trades	No Trades
12/7/1987	SUN INC PFD CONV \$2.25	56,385	No Trades	No Trades
2/9/1988	WOOLWORTH F W CO PFD SER A CONV \$2.20	7,078	400	17.7x
3/15/1988	INTERCO INC PFD SER D CONV \$7.75	119,663	No Trades	No Trades
3/16/1988	PETRIE STORES CORP SUB DEB EXCHANGABLE 8.000 1/15/2010	6,585,000	5,000	1,317.0x
3/16/1988	SUN INC PFD CONV \$2.25	58,930	No Trades	No Trades
3/22/1988	KELLWOOD CO DEB CONV 9.000 10/15/1999	910,000	No Trades	No Trades
8/9/1988	INTEL CORP WTS EXP 8/15/1988	327,642	No Trades	No Trades
8/10/1988	INTEL CORP WTS EXP 8/15/1988	135,426	No Trades	No Trades
8/15/1988	CASTLE & COOKE INC PFD CONV \$0.90	1,392,657	5,600	248.7x
8/18/1988	CASTLE & COOKE INC PFD CONV \$0.90	50,451	13,400	3.8x
8/18/1988	PENTAIR INC SUB DEB CONV 9.000 3/15/2010	181,000	271,000	Does Not Exceed
12/5/1988	FLEET/NORSTAR FINL GROUP INC SUB DEB CONV 8.500 4/01/2010	17,831,000	40,000	445.8x
12/16/1988	MCKESSON CORP SUB DEB CONV 9.750 3/15/2006	1,401,000	No Trades	No Trades

Convertible Arbitrage IA Business Volume Analysis
Monthly Time Period¹

Trade Date	Security Name	Total IA Business Purported Volume ²	Total Actual Daily Volume ³	Magnitude Exceeded
2/27/1989	TEXAS EASTN CORP SUB DEB CONV 12.000 10/15/2009	27,932,000	175,000	159.6x
3/7/1989	POTLATCH CORP PFD SER B CONV EX \$3.75	119,355	No Trades	No Trades
3/10/1989	PHELPS DODGE CORP PFD CV EXP DEP \$3.00	31,806	5,500	5.8x
3/17/1989	WARNER COMMUNICATIONS INC PFD SER A CONV EXCH \$3.625	104,019	87,600	1.2x
3/29/1989	WARNER COMMUNICATIONS INC PED SER A CONV EXCH \$3.625	11,805	109,900	Does Not Exceed
5/17/1989	HANNA M A CO PFD CONV EXCHANGEABLE \$ 2.125	32,244	21,600	1.5x
6/5/1989	VISTA CHEM CO RT	260,428	141,600	1.8x
6/12/1989	VISTA CHEM CO RT	65,479	66,000	Does Not Exceed
6/16/1989	COLUMBIA PICTS ENTMT WTS EXP 06/01/1992	258,848	No Trades	No Trades
6/19/1989	COLUMBIA PICTS ENTMT WTS EXP 06/01/1992	140,027	No Trades	No Trades
6/20/1989	COLUMBIA PICTS ENTMT WTS EXP 06/01/1992	271,095	No Trades	No Trades
11/10/1989	CONSECO INC PFD A 1.875	18,990	7,100	2.7x
11/20/1989	AMERICAN BRANDS INC PFD CONV \$2.67	2,350	No Trades	No Trades
11/28/1989	WESTINGHOUSE ELECTRIC CORP SUB DEB CONV 9.000 8/15/2009	25,256,000	5,000	5,051.2x
12/4/1989	FLEET/NORSTAR FINL GROUP INC SUB DEB CONV 8.500 4/01/2010	34,415,000	No Trades	No Trades
12/12/1989	APACHE CORP SUB DEB CONV 7.500 4/01/2012	23,574,000	27,000	873.1x
12/12/1989	ATLANTIC RICHFIELD CO PFD CONV \$3	34,279	No Trades	No Trades
12/13/1989	AIRBORNE FGHT CORP SUB DEB CONV 7.500 6/15/2011	12,901,000	No Trades	No Trades
12/13/1989	CONSOLIDATED EDISON CO N Y INC PREF SER B CONV 6%	36,755	No Trades	No Trades
12/14/1989	ETHYL CORP 2ND PFD SER A CONV \$2.40	22,249	No Trades	No Trades
2/5/1990	MCKESSON CORP SUB DEB CONV 9.750 3/15/2006	20,000	No Trades	No Trades
2/20/1990	INTERNATIONAL MINERALS & CHEM SERIES B CONV EXCL PFD \$3.25	21,654	No Trades	No Trades
3/5/1990	MCDERMOTT INC DEB 10,000 4/01/2003	37,307,000	No Trades	No Trades
3/5/1990	MCDERMOTT INTL INC WT EXP 04/01/1990	1,492,280	403,200	3.7x
3/12/1990	MCDERMOTT INTL INC WT EXP 04/01/1990	919,480	116,000	7.9x
3/13/1990	MCDERMOTT INC DEB 10,000 4/01/2003	22,987,000	No Trades	No Trades
3/20/1990	ITT CORP PFD SER N CONV \$2.25	112,929	No Trades	No Trades
3/21/1990	PFIZER INC SUB DEB CONV 8,750 2/15/2006	1,584,000	No Trades	No Trades
10/2/1990	ATLANTIC RICHFIELD CO PFD CONV \$ 2.80	46,040	600	76.7x
10/5/1990	ATLANTIC RICHFIELD CO PFD CONV \$ 2.80	63,097	No Trades	No Trades
10/17/1990	TEXTRON INC PFD CONV \$2.08	12,631	No Trades	No Trades
10/17/1990	TEXTRON INC PFD CONV DIV STK SER B \$1.40	43,148	No Trades	No Trades
10/19/1990	TEXTRON INC PFD CONV \$2.08	40,027	No Trades	No Trades
12/14/1990	ATLANTIC RICHFIELD CO PFD CONV \$2.80	79,563	100	795.6x
12/18/1990	FEDERAL NATIONAL MTG ASSN WT EXP 2/25/91	154,562	1,046,900	Does Not Exceed
4/22/1991	HOME DEPOT INC SUB DEB CONV 6,750 5/15/2014	2,000	7,000	Does Not Exceed
5/20/1991	BIOGEN INC PFD CONV EXCH \$2.125	56,114	13,100	4.3x
5/21/1991	BIOGEN INC PFD CONV EXCH \$2.125	549,656	17,600	31.2x
11/19/1991	ATLANTIC RICHFIELD CO PFD CONV \$2.80	79	No Trades	No Trades
11/19/1991	WMS IND'S INC SUB DEB CONV 12.750 11/01/1996	85,000	10,000	8.5x
2/25/1992	LEGGETT & PLATT INC SUB DEB CONV 6,500 4/01/2006	17,967,000	No Trades	No Trades
2/26/1992	LEGGETT & PLATT INC SUB DEB CONV 6,500 4/01/2006	4,340,000	No Trades	No Trades
2/26/1992	TYCO TOYS INC WTS EXP 6/07/1993	772,528	50,400	15.3x
3/18/1992	LEGGETT & PLATT INC SUB DEB CONV 6,500 4/01/2006	10,651,000	8,000	1,331.4x
4/13/1992	PEP BOYS MANNY MOE & JACK SUB DEB CV 6.000 11/01/2011	61,451,000	22,000	2,793.2x
11/24/1992	XTRA CORP PFD SER B CONV \$1.9375	1,326,478	6,600	201.0x
12/14/1992	AMERICAN BRANDS INC PFD CONV \$2.67	364,367	No Trades	No Trades
12/21/1992	WASHINGTON MUTL SVS BK SEATLLE PFD CONV SER A. \$	428,694	77,300	5.5x

1. The Monthly Time Period consists of the following months: October 1979, November 1979, every March and December from 1981-1992, and randomly selected months, other than March and December, between 1983 and 1992.

2. Total IA Business Purported Volume as shown on the IA Business customer ledgers.

3. Total Actual Daily Volume as reported by the New York Stock Exchange Daily Stock Records, Over the Counter Exchange Daily Stock Records, American Stock Exchange Daily Stock Record, Wall Street Journal New York Exchange Bonds, Moody's Industrial Manuals and Moody's Bank and Financial Manual.